



MPS (Monolithic Power Systems)

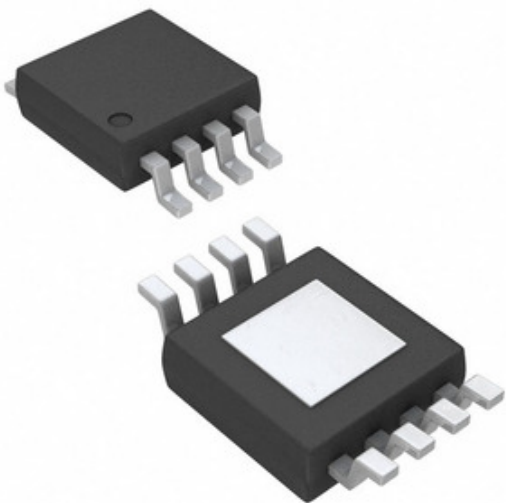


Image may be representation. See specifications for product details.

MPQ4558DN-LF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPQ4558DN-LF                                                                                                 |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                               |
| Product description | IC REG BUCK ADJ 1A                                                                                           |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 40789 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

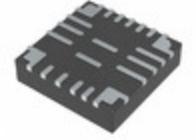
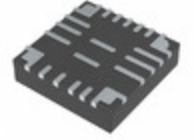
Specifications of MPQ4558DN-LF

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPQ4558DN-LF                                                                                               |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                             |
| DESCRIPTION                      | IC REG BUCK ADJ 1A                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 40789 pcs                                                                                                  |
| DATA SHEET                       |                                                                                                            |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                       |
| VOLTAGE - OUTPUT (MAX)           | 52V                                                                                                        |
| VOLTAGE - INPUT (MIN)            | 3.8V                                                                                                       |
| VOLTAGE - INPUT (MAX)            | 55V                                                                                                        |
| TOPOLOGY                         | Buck                                                                                                       |
| SYNCHRONOUS RECTIFIER            | No                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC-EP                                                                                                  |
| SERIES                           | -                                                                                                          |
| PACKAGING                        | Tube                                                                                                       |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                         |
| NUMBER OF OUTPUTS                | 1                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2A (4 Weeks)                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| FUNCTION                         | Step-Down                                                                                                  |
| FREQUENCY - SWITCHING            | Up to 2MHz                                                                                                 |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 1A 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 1A                                                                                                         |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| MPS (Monolithic Power Systems) MPQ4558DN-LF | MPQ4558DN-LF Distributor                | MPQ4558DN-LF Supplier                           |
| MPQ4558DN-LF Price                          | MPQ4558DN-LF Pictures                   | MPQ4558DN-LF Image                              |
| MPQ4558DN-LF PDF Datasheet                  | MPQ4558DN-LF Download Datasheet         | MPQ4558DN-LF Datasheet                          |
| MPQ4558DN-LF Stock                          | Buy MPQ4558DN-LF                        | Buy MPS (Monolithic Power Systems) MPQ4558DN-LF |
| MPS (Monolithic Power Systems) MPQ4558DN-LF | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor      |
| MPS (Monolithic Power Systems) MPQ4558DN-LF | Monolithic Power Systems MPQ4558DN-LF   | Monolithic Power Systems Inc. MPQ4558DN-LF      |
| MPS (Monolithic Power Systems) MPQ4558DN-LF |                                         |                                                 |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPQ4558DQ-AEC1-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: 24102 pcs<br/><b>RFQ</b></div>               |  <div><b>MPQ4558DQ-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: 37040 pcs<br/><b>RFQ</b></div>                    |
|  <div><b>MPQ4558DN-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: 52955 pcs<br/><b>RFQ</b></div>                    |  <div><b>MPQ4558DQ-LF-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: 52676 pcs<br/><b>RFQ</b></div>                    |
|  <div><b>MPQ4488GU-FD-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 6A, BUCK CONVERTER WITH SPR<br/>In stock: 28232 pcs<br/><b>RFQ</b></div> |  <div><b>MPQ4488GU-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 6A, BUCK CONVERTER WITH DUA<br/>In stock: 23912 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MPQ4491MGRE-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: SMART SINGLE USB CHARGING PORT P<br/>In stock: 49996 pcs<br/><b>RFQ</b></div>  |  <div><b>MPQ4491MGRE-AEC1-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: SMART SINGLE USB CHARGING PORT P<br/>In stock: 34864 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MPQ4558DQ-AEC1-LF-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1A<br/>In stock: 34654 pcs<br/><b>RFQ</b></div>               |  <div><b>MPQ4488GU-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 6A, BUCK CONVERTER WITH DUA<br/>In stock: 35732 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MPQ4559DN-LF</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 1.5A<br/>In stock: 39488 pcs<br/><b>RFQ</b></div>                    |  <div><b>MPQ4488GU-FD-AEC1-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 36V, 6A, BUCK CONVERTER WITH SPR<br/>In stock: 32161 pcs<br/><b>RFQ</b></div> |